

INTEGRAND MODEL 800 SYSTEM ENCLOSURE

(\$200 S-100
MAINFRAME
\$ 605)

FEATURES:

- * COMPLETE RACK MOUNTABLE CABINET
- * COMPLETELY ASSEMBLED - NOT A KIT
- * HEAVY GAUGE, ALL ALUMINUM CONSTRUCTION
- * S-100 BUS 16 POSITION MOTHER BOARD
- * CARD CAGE
- * FAN
- * LINE CORD, LINE FUSE, SWITCH, EMI FILTER
- * POWER SUPPLY - 2 MODELS, BIG AND TWICE AS BIG
- * LOW COST - \$200 FOR STANDARD UNIT

The INTEGRAND MODEL 800 SYSTEM ENCLOSURE is perfect whether you are building a one time system, homebrewing a computer, or going into production on an OEM product. If the system uses S-100 bus compatible cards, there is no other logical choice for an enclosure. No need to spend valuable development time shopping for the right card rack, power supply, etc. which will fit together to do the job. Here, from one source, is the whole thing; wired, assembled and tested. The unit is ready to go to work the minute it comes out of the box. You will save money too, because INTEGRAND is all the vendors for the component parts. We have in house sheet metal, pc, and power supply capability. We have used our experience gained in 7 years of design and manufacture of custom OEM power supplies to put the MODEL 800 together. Unless you have our capability in your shop, we doubt you can make a comparable unit for the same price - let alone save money in the process.

The enclosure features heavy, all aluminum construction. The metal is finished in yellow irridite. Painted and screened panels with your logo and panel information are available at extra cost. The enclosure mounts in standard 19 inch RETMA racks. A shortened panel and feet are available for table top mounting.

Our motherboard has 16 positions - big enough for quite a sizable system. It is rigidly attached to the chassis opposite each connector. The motherboard features high quality connectors, heavy FR-4 fiberglass construction and complete continuity checking. A card cage and plastic guides hold the cards firmly in position.

A very important component of any electronic device is the power supply. The entire system performance can be seriously impaired by an inadequate supply. We have designed two brute force supplies for the MODEL 800. The standard is +8vdc, 15A; +16vdc, 3A. The optional supply in the MODEL 800A is +8vdc, 30A; +16vdc, 10A. Both ac and dc connections to the supply are made via connectors so the supply may be removed for working on the system or replaced with the optional supply if you power requirements grow.

Cooling can make or break your system also. We have provided air intake through the front panel. The incoming air first passes over the cards then through the power supply and is exhausted through the rear panel. A quiet 70 cfm fan keeps the enclosure cool. A guard keeps your fingers out of the fan blades. On the rear panel is the power switch, line cord and line fuse. An EMI filter is included to keep line glitches from causing system errors.

The entire unit is assembled, wired and tested. We test the power supply under full load. We test the unit for dielectric strength, something many people forget to do! We test the motherboard for continuity connector to connector and NO continuity pin to pin. All harnessing is carefully checked for loose wires and lugs. Every solder connection is inspected. The sheet metal is dimensionally confirmed. We make every attempt to deliver hardware that works and keeps working.

With all the features we have talked about you would expect to pay a fortune for the MODEL 800. Not so. The standard unit - which includes all the features mentioned costs only \$200. If you are an OEM we have a liberal discount policy which will interest you. Please contact the factory for further information.

INTEGRAND is dedicated to helping get your system up in minimum time - and keeping it up. Our products are designed like we were going to use them ourselves

PRICES:

MODEL 800 (19" rack width, 7" panel height, 17" deep, std power)	\$200
MODEL 800A (same dimensions as above, optional power supply)	\$275
MODEL 800-CONNECTOR (15 connectors to complete motherboard)	
MODEL 800-TABLE TOP (17" w x 7" h x 17" d, rubber feet, std power)	\$210
MODEL 800A-TABLE TOP (same dimensions as above, optional power)	\$285
MODEL 800-POWER (power supply for 800; +8@15A, +16@3A)	
MODEL 800A-POWER (power supply for 800A; +8@30A, +16@10A)	

ALL PRICES INCLUDE SHIPPING WITHIN THE 48 STATES.

BANKAMERICARD AND MASTER CHARGE ACCEPTED

FOR OEM PRICING OR MODIFICATIONS FOR OEM APPLICATIONS WRITE OR CALL FACTORY



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